

### **REMARKS**

Claims 6-10 are pending in this application. By this Amendment, claims 1-5 are canceled without prejudice to or disclaimer of the subject matter contained therein; and claims 6 and 9 are amended. No new matter is added. Support for amended claims can be found, for example, on paragraph [0028]. No new matter is added.

### **CLAIM REJECTIONS - 35 U.S.C. § 103**

Claims 1-10 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Andersson et al. (hereinafter "Andersson"), U.S. Pat. No. 5,937,002. The rejection is respectfully traversed.

Applicants submit that Andersson fails to disclose or suggest, a method of generating frequency sequences, comprising, at least:

obtaining a sequence with a given repetition distance, the repetition distance being greater than zero and less than a given number of frequencies, and being a minimum number of hops between two occurrences of the same frequency in a frequency sequence

as recited in claim 6.

Andersson relates to a method and to an arrangement for affecting base orthogonal channel hopping between mobile stations (MS1-MS3) and a base station in a radio communications system. Connections (F1-F3) having low attenuation are allotted a number of channels having high interference  $I(\text{channel}, t)$ ; and connections (F1-F3) that have higher attenuations are allocated a number of channels that have lower interference  $I(\text{channel}, t)$ . Further, a channel allocation means (211) in the base station functions to produce channel hop sequences which are transferred to hop sequence lists (204-206) in the mobile stations, via a controlled channel SACCH (Abstract; and col. 6, line 46 – col. 7, line 17). However, Applicants submit that Andersson fails to disclose or suggest obtaining a sequence with a

given repetition distance, the repetition distance being greater than zero and less than a given number of frequencies, and being a minimum number of hops between two occurrences of the same frequency in a frequency sequence, as recited in claim 6.

For at least these reasons, Applicants submit that claim 6 is allowable. Claims 7-8 which depend on claim 6 is also allowable by virtue of their dependency to claim 6. Withdrawal of the rejection is respectfully requested.

Independent claim 9 which recites similar features as claim 6 is allowable for at least reasons discussed above, specifically, Andersson fails to teach or suggest “obtaining a repetition distance value being greater than zero and less than a predetermined number frequencies, the repetition distance being greater than zero and less than a given number of frequencies, and being a minimum number of hops between two occurrences of the same frequency in a frequency sequence”.

Reconsideration and allowance of this application are respectfully requested.

### **CONCLUSION**

In view of the above amendments and remarks, reconsideration of the rejections and allowance of claims 6-10 is respectfully requested.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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